

25. (Currently amended): A method for generating a pattern of spots over a treatment area, comprising:

generating an array of light beams, wherein the array is elongated along a sub-scan direction;

sweeping the array of light beams along a main scan direction that is transverse to the sub-scan direction; and

for a sweep of the array along the main scan direction, automatically dithering the array in the sub-scan direction, wherein a travel of the array in the sub-scan direction is not more than a length of the array in the sub-scan direction and the sweeping along the main scan direction and the dithering in the sub-scan direction generate the pattern of ^{"spots"} spot, and the step of automatically dithering the array of light beams in the sub-scan direction comprises:

sensing sweeping of the array along the main scan direction; and

controlling dithering of the array in response to the sensed sweeping of the array along the main scan direction.

26. (Original): The method of claim 25 wherein the step of generating an array of light beams comprises:

generating all of the light beams simultaneously.

27. (Original): The method of claim 25 wherein the step of generating an array of light beams comprises:

generating the light beams sequentially in time.

28. (Currently amended): The method of claim 25 wherein the array of light beams is a rectangular array of light beams with N rows in the sub-scan direction, and N is an integer greater than 1.